

Message

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**From:** Franz, Christina [Christina\_Franz@americanchemistry.com]  
**Sent:** 8/18/2017 1:28:43 PM  
**To:** Corado, Ana [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=9bb9257919594061b763f306c2f8be60-ACorado]  
**CC:** Smith, Carr [Carr.Smith@albemarle.com]; Little, Barbara [barbara.little@albemarle.com]; Parsons, Doug [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b0a745542b2e4fa894e877ccf8b83957-Parsons, Doug]  
**Subject:** n-PB NTP Report submitted to docket  
**Attachments:** NTPpaperPublished.pdf

Good morning, Ana:

I submitted that attached NTP manuscript comparing all of the 2-year inhalation studies conducted by NTP in both rats and mice. The study shows a high degree of discordance in the results from rats and mice. The purpose of the analysis was the observation that certain substances (including 1-bromopropane) caused lung tumors in mice, but not rats, and were not mutagens in the Ames test. Each of the subject substances also induced hyperplasia in the mice lungs, implying a possible role for inflammation. The extremely high degree of discordance via inhalation in rats and mice demonstrates the need to determine independently what the various test results regulators rely upon actually show and, in turn, do not show.

This submission does not appear in the docket, held back on the mistaken belief that there are copyright issues involved. As the email correspondence below indicates, there are no copyright issues of concern and the manuscript should be available to all in the docket established for 1-bromopropane.

Please let me know if you have any questions or if there is anything else we need to provide to provide to enable the publication to appear in the docket. Thank you.

Best regards,

Christina

*Christina Franz*

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**From:** Carr.Smith@albemarle.com [mailto:Carr.Smith@albemarle.com]  
**Sent:** Friday, August 18, 2017 9:04 AM  
**To:** Franz, Christina <Christina\_Franz@americanchemistry.com>  
**Cc:** Little, Barbara <barbara.little@albemarle.com>  
**Subject:** EPA is free to use

Dear Christina,

We checked with the publisher of the article, Philippa Stevens, and she sent the following email describing that EPA is free to distribute/use the publication.

Best Regards, Carr

Philippa Stevens <[Philippa.Stevens@sagepub.co.uk](mailto:Philippa.Stevens@sagepub.co.uk)>

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I would be happy to explain this to your contact at the EPA if that would be helpful, or you are welcome to pass on this email.

I do hope that helps. Please let me know if you'd like further clarification on anything.

Best wishes,

Philippa

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